

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<p>In re Application of Adams et al. Serial No.: 09/397,342 Filed: September 15, 1999 For: UCP4</p>	<p>Group Art Unit: 1644 Examiner: M. Tung</p> <p>CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231 on February 22, 2001 <i>Diane L. Marschang</i> Diane L. Marschang</p>
---	--

Response to Restriction Requirement

Assistant Commissioner of Patents
Washington, D.C. 20231

SIR:

This paper is being filed in response to the Office Action mailed October 30, 2000, setting forth a restriction requirement. Entry of the following amendment is respectfully requested prior to examination on the merits.

IN THE CLAIMS:

Please cancel claims 17-43 without prejudice.

1. (Amended) An isolated nucleic acid molecule comprising [DNA having at least an 80% sequence identity to] (a) a DNA molecule encoding a UCP4 polypeptide comprising the sequence of amino acid residues from about 1 to about 323 of Figure 1 (SEQ ID NO: 1), or (b) the complement of the DNA molecule of (a).

4. (Amended) An isolated nucleic acid molecule comprising DNA encoding a UCP4 polypeptide, wherein said DNA hybridizes under moderately